

# INTERNATIONAL SEARCH REPORT

Inte      ial Application No  
PCT/IB2004/003599

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7    G12B21/02    G12B21/08    G01B7/34    G01B11/30    G01B5/28

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7    G12B    G01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 245 863 A (OKADA TAKAO ET AL) 21 September 1993 (1993-09-21) abstract; figures 1,7,9 column 2, lines 63-66 column 4, lines 54-56	1-7
X	VIANI M B ET AL: "SMALL CANTILEVERS FOR FORCE SPECTROSCOPY OF SINGLE MOLECULES" JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 86, no. 4, 15 August 1999 (1999-08-15), pages 2258-2262, XP000934881 ISSN: 0021-8979 abstract; figures 1,2 page 2258, column 1, lines 29-31 page 2259, column 1, lines 28-30 page 2259, column 2, lines 3-13	1-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the International search

14 March 2005

Date of mailing of the International search report

21/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Popovici, M

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/080186 A (HOH JAN H ;UNIV JOHNS HOPKINS (US)) 10 October 2002 (2002-10-10) page 3, lines 15-23; figures 2B,2C,2D,2E page 7, line 15 - page 8, line 2 page 12, lines 15-21 page 20, lines 8-20 page 30, lines 17-23	1,2,5
A	----- WALTERS D A ET AL: "ATOMIC FORCE MICROSCOPY USING SMALL CANTILEVERS" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 3009, 1997, pages 43-47, XP001150337 ISSN: 0277-786X the whole document	1
A	----- KIKUKAWA A ET AL: "IN-LINE OPTICAL LEVER SYSTEM FOR ULTRASMALL CANTILEVER DISPLACEMENT DETECTION" JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS. TOKYO, JP, vol. 39, no. 4A, PART 1, 1 April 2000 (2000-04-01), pages 1885-1889, XP001014943 ISSN: 0021-4922 the whole document	1

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